

DSP-11, 450 base pairs

TGACCCGCTG TCCTGTGCC TTTCCAGCG ATGGGCGTGC AGCCCCCAA CTCTCCTGG GTGCTTCCGG GCCGGCTGGC GGGACTGGCG
CTGCCGCGGC TCCCGCCCA CTACCAGTTC CTGTTGGACC TGGGCGTGC GCACCTGGTG TCCCTGACGG AGCGCGGGCC CCCTCACAGC
GACAGCTGCC CCGGCCTCAC CCTGCACGC CTGGCATCC CCGACTTCTG CCGCCGGCC CCGACCAGA TCGACCGCTT CGTGCAGATC
GTGGACGAGG CCAACGCAG GGGAGAGGCT GTGGGAGTGC ACTGTGCTCT GGGCTTTGGC CGCACTGGCA CCATGCTGGC CTGTTACCTG
GTGAAGGAGC GGGGCTTGGC TGCAGGAGAT GCCATTGCTG AAATCCGACG ACTACGACCC GGCTCCATCG AGACCTATGA GCAGGAGAAA
GCAGTCTTCC AGTTCTACCA GCGAACGAAA TAAGGGGCT TAGTACCCTT CTACCAGGCC CTCACTCCCC TTCCCATGT TGTCGATGGG
GCCAGAGATG AAGGGAAGTG GACTAAAGTA TTAACCTC TAGTCCCAT TGGCTGAAGA CACTGAAGTA GCCACCCCT GCAGGCAGGT
CCTGATTGAA GGGGAGGCTT GTACTGCTT GTGAATAAA TGAGTTTAC GAACCAAAAA AAAAAAAAAA AAAAAA

Fig. 1

DSP-11, 150 amino acids

MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLDLGVRHLVSLTERGPPHSDSCPGLTHRLRIPDFCPPAPDQIDRFVQIVDEANARGEAVGVHCA
LGFGRTGTMACYLVKERGLAAGDAIAEIRRLRPGSIETYEQEKAVFQFYQRTK

Fig. 2

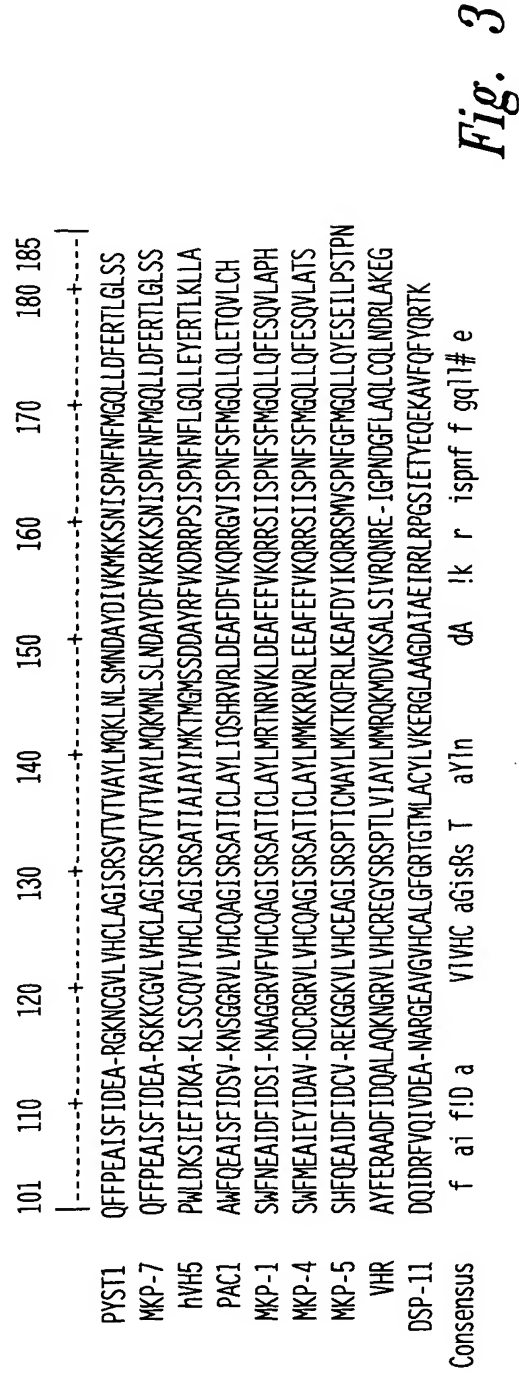
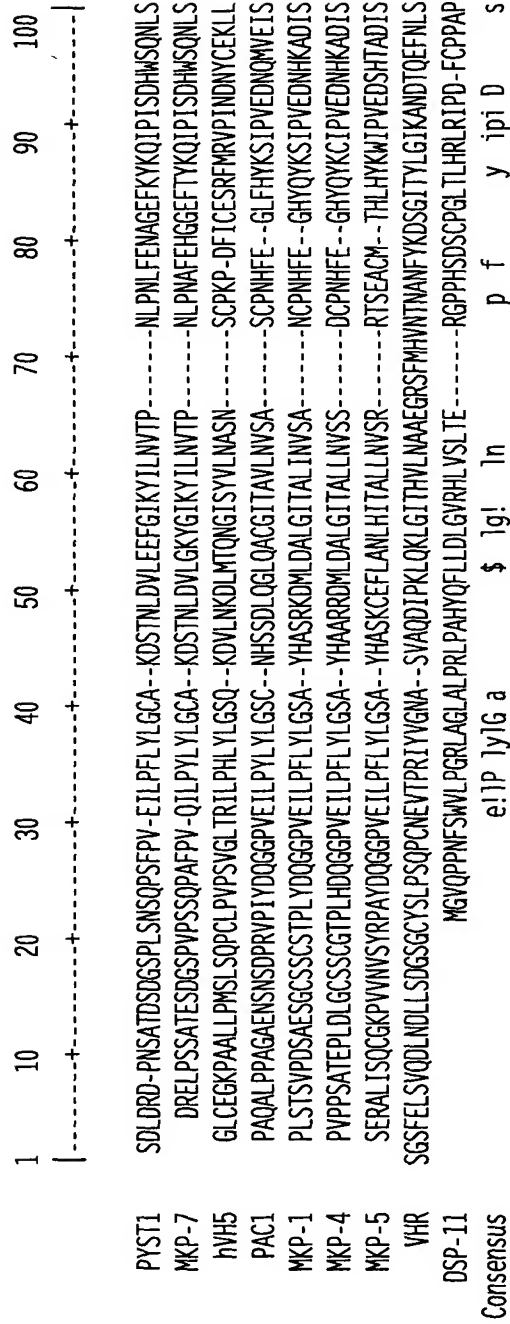


Fig. 3

Title: DSP-11 DUAL-SPECIFICITY PHOSPHATASE
Inventor(s): Ralf M. Luche and Bo Wei Express Mail No. EV336617291US

Docket No. 200125.418C1

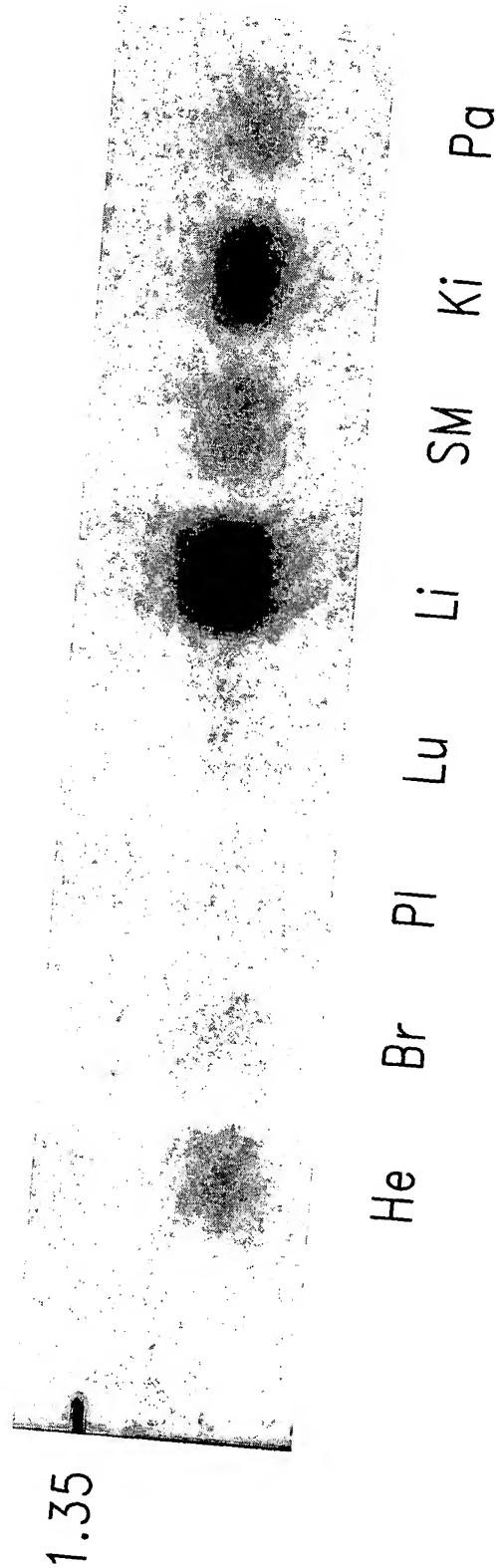


Fig. 4

>murine DSP-11 variant coding sequence

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atgggcgtgcaaccccccaacttctcctgggtgcttcgggacggctggccggactggc
gttgccccggtgccccgcactaccagttcctgctggaccaggggtgctgcggcacctgg
tgtccctgacggagcgcggaacccctcacagtgcagctgtcccgccctcacgctgcac
cgaatgcgcacccctgacttttggccgctccccggaacagatcgaccaatttgtgaa
gatcgtggacgaggccaatgcccgaggagaggtgttgagtgcactgtgccctaggct
ttggccgcactggcaccatgctagcctgctacttggtaaggagcgggctttggcgCa
ggagatgccattgctgagatccggcgctgcgaccaggatccattgagacgtatgaaca
ggagaaggccgtcttcagttctaccagcgaacaaatga
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Fig. 5

>murine DSP-11 variant amino acid sequence

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MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLLDQGVRLVSLTERGPPHSDSCPGLTLH
RMRIPDFCPPSPEQIDQFVKIVDEANARGEAVGVHICALGFRTGTMLACYLVKERALAP
GDAIAEIRRLRPGSIETYEQEKAVFYQRTK*
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Fig. 6